

**Lab 02 - Key**

1.
 

point 1	27° 37' 15" N	99° 27' 5" W
point 2	27° 37' N	99° 25' 50" W
point 3	27° 32' 20" N	99° 23' W
point 4	27° 32' 55" N	99° 25' 5" W
point 5	27° 30' 50" N	99° 27' 40" W
point 6	27° 34' 30" N	99° 26' W
  
2.
 

North	point 1
West	point 5
South	point 5
East	point 3
  
3. 4.1 miles
  
4. 11 in. X 0.379 miles/in. = 4.17 miles
  
5. the fractional scale is usually more accurate than the graphic scale
  
6. 10 feet
  
7.
 

point 1 = 650 ft.
point 2 = 550 ft.
point 3 = 550 ft.
point 4 = 450 ft.
point 5 = 400 ft.
point 6 = 500 ft.
  
8. South to Southwest
  
9. 100 ft.
  
10. 1.33 miles
  
11. 75 ft./mile
  
12. East to Southeast
  
13. 100 ft.
  
14. 2.24 miles
  
15. 45 ft./mile

16. West or slightly Northwest
17. 100 ft.
18. 4.59 miles
19. 22 ft./mile
20. Question 11 stream
21. Airport
22. Answers may vary